

Abstract of the Disclosure

A rotation shaft is installed in the center of a wind turbine. Blades are secured to the rotation shaft to be circumferentially spaced apart one from another. Each blade has a lattice composed of transverse lattice elements and longitudinal lattice elements which are plaited to cooperatively define a plurality of spaces. In each space, a rotation adjustment piece is coupled to a first portion of a lattice element to be capable of rotating between a closing position where it closes a predetermined number of the spaces and an opening position where it opens a predetermined number of the spaces, so that the blades as a whole can be rotated irrespective of a wind direction. Electricity is generated using wind applied to the rotation shaft through rotation adjustment pieces.